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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/698,934	11/03/2003	lkno Takahashi	032044	5043	
38834 7	38834 7590 10/14/2004			EXAMINER	
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 CONNECTICUT AVENUE, NW SUITE 700 WASHINGTON, DC 20036			RAJGURU. U	MAKANT K	
			ART UNIT	PAPER NUMBER	
			1711		

DATE MAILED: 10/14/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary Examiner		Application No.	Applicant(s)					
Umakant K. Rajguru	Office Action Commence	10/698,934	TAKAHASHI ET AL.					
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A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extended to the many be available under the provision of 3 C.PK 1.136(a). In no event, however, may a reply be limitely filted after SIX (6) MONTHS from the mailing date of this communication. Extended from the provision of the provision of the provision of 3 C.PK 1.136(a). In no event, however, may a reply be limitely filted after SIX (6) MONTHS from the mailing date of this communication. If No provided by the Stitch from the mailing date of this communication. If No provided by the Stitch end that the stitute of the stitute of the communication of the provision by become affailth of the stitute of the communication. It is a stituted by the stitute of the stitute of the communication of the stitute of the communication of the stitute of the communication of the stitute of the s								
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1) Responsive to communication(s) filed on	 I HE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply if NO period for reply is specified above, the maximum statutory period we Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing 	86(a). In no event, however, may a reply be time within the statutory minimum of thirty (30) days fill apply and will expire SIX (6) MONTHS from the apply and will expire SIX (6) MONTHS from the statutory of th	s will be considered timely. the mailing date of this communication.					
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Application/Control Number: 10/698,934

Art Unit: 1711

- 1. Claims 1-10 are presented for examination.
- 2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 3. Claim 4 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 4 is vague in failing to point out which specific derivatives are encompassed by scope of this claim.

- 4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Art Unit: 1711

5. Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fujihira et al (US 2002/0128344) in view of Hird et al (US 5759569), Gaglani et al (US 6353021) and Ohsawa et al (US 6207235).

Fujihira describes biodegradable resin material (abstract). The material is comprised of mainly an aliphatic polyester resin [0060]. A carbodimide compound is used as an additive [0065] [0074][0077]. This additive is added at 1% by wt [0074][0077]. Articles are molded by suitable molding process (col. 20, claims 64 & 65).

Fujihira is silent about compound (c) of instant claim 1.

Hird discloses biodegradable articles made out of a composition comprising polymers and optional adjuvants. One such adjuvant is ultraviolet stabilizer (col. 10, lines 22-27).

Gaglani also discloses various UV stabilizers. Benzophenones as stabilizers are described in col. 5, line 35 to col. 6, line 36.

Ohsawa discloses composition in which a triazine UV absorber is preferably used (col. 10, line 50 to col. 11, line 49).

Therefore it would have been obvious to incorporate in the composition of the material of Fujihira the ultra violet stabilizer/s of any of the secondary references to stabilize the molded product against degradation by ultraviolet light thereby imparting stability of color and mechanical properties.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Umakant K Rajguru whose telephone number is 571-

Application/Control Number: 10/698,934

Art Unit: 1711

Page 4

272-1077. The examiner can normally be reached on Monday thru Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James J. Seidleck can be reached on 571-272-9306. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Rajguru/LR September 29, 2004

James J. Seidleck Supervisory Patent Examinar Technology Center 1700